



Erratum: The combination of the functionalities of feedback circuits is determinant for the attractors' number and size in pathway-like Boolean networks (vol 7, 42023, 2017)

Eugenio Azpeitia, Stalin Munoz, Daniel Gonzalez-Tokman, Mariana Esther Martinez-Sanchez, Nathan Weinstein, Aurélien Naldi, Elena R. Alvarez-Buylla, David A. Rosenblueth, Luis Mendoza

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Erratum: The combination of the functionalities of feedback circuits is determinant for the attractors' number and size in pathway-like Boolean networks

Eugenio Azpeitia, Stalin Muñoz, Daniel González-Tokman, Mariana Esther Martínez-Sánchez, Nathan Weinstein, Aurélien Naldi, Elena R. Álvarez-Buylla, David A. Rosenblueth & Luis Mendoza

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This Article contains typographical errors.

In the methods section under subheading '**Boolean networks**', "In Boolean networks, variables can only take one of two possible values, 0 or 1, and their dynamics is described by

$$x_i(t + 1) = f_i(x_1(t), \dots, x_n(t)), \quad (1)$$

where $x_i(t + 1)$ represents the value of variable i at the time $t + 1$ as a Boolean function F_i of its n regulators $x_i(t), \dots, x_n(t)$ at the current time".

should read:

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where $x_i(t + 1)$ represents the value of variable i at the time $t + 1$ as a Boolean function f_i of its n regulators $x_i(t), \dots, x_n(t)$ at the current time".

In the Results section under subheading '**Non-hierarchical and non-unidirectional interactions greatly increases the dynamical diversity of pathways**',

"Because the inputs follow the identity function, the minimum number of attractors is equal to $2^{|inputs|}$, where $inputs$ is the set of inputs".

should read:

"Because the inputs follow the identity function, the minimum number of attractors is equal to $2^{|inputs|}$ where $inputs$ is the set of inputs".



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